

TITLE OF INVENTION

The All-Purpose Pressure Test Kit

CROSS-REFERENCE TO RELATED APPLICATIONS

Not Applicable

STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT

Not Applicable

REFERENCE TO A MICROFICHE APPENDIX

Not Applicable

BACKGROUND OF THE INVENTION

Pertains to pipe line pressure testing for the Plumbing and Gas Industry.

BRIEF SUMMARY OF THE INVENTION

Pressure testing pipelines always required the plumber or gasman to make up test devices on the job. To create these devices always required an assortment of fittings and nipples, depending on the system the plumber or gasman is working on. The All-Purpose Pressure Test Kit, with included attachments, can be screwed on to any size male pipe thread ranging from ½" to 2". The entire set of sizes includes ½", ¾", 1", 1¼", 1½", and

2". This will allow the plumber or gasman to save a considerable amount of time and money.

BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWING

There are five figures associated with the All-Purpose Pressure Testing Kit.

Fig. 1 – Drawing of the Main Body of the apparatus

Fig. 2 – Drawing of the Gauge attachments included in the kit (1 for ounces, 1 for pounds)

Fig. 3 – Drawing of the Valve Stem Air Filler attachment included in the kit

Fig. 4 – Drawing of the 1/4" Ball Valve attachment included in the kit

Fig. 5 – Drawing of the Hand Pump attachment included in the kit

DETAILED DESCRIPTION OF THE INVENTION

The All-Purpose Pressure Test Kit is used for testing plumbing and gas line installations and repairs. The kit can test the pressure of waste lines, water lines, gas lines, and vent lines. The kit can be used for new and repair work in residential, commercial, and industrial areas. The kit can perform tests ranging from ounces to pounds and on lines that range from 1/2" to 2". The main body of the All-Purpose Pressure Test Kit apparatus (See Fig. 1) is made of aluminum with three 1/4" female taps or threads, one located on top and one on each side. The main body of the apparatus also comes with unique telescopic female threads within it that make up the male pipe size ranges that can be used. The sizes in the telescopic female threads include 1/2", 3/4", 1", 1 1/4", 1 1/2", and 2". The kit also comes with the following attachments:

- 1 - Gauge for ounces with 1/4" male thread (See Fig. 2)
- 1 - Gauge for pounds with 1/4" male thread (See Fig. 2)
- 1 - Valve Stem Air Filler with 1/4" male thread (See Fig. 3)
- 1 - 1/4" Ball Valve with 1/4" male thread that holds up to 150psi (See Fig. 4)
- 1 - Hand Pump (See Fig. 5)

Currently, plumbers or gas workers have to use an assortment of fittings and nipples in different sizes to match up with the male thread size requirements for that particular job. The All-Purpose Pressure Test Kit is all that is needed for testing pressure and checking for leaks on the job. You do not have to leave the work environment or go looking for the different parts required to create a test device for that job.